Index of Claims

| Appl | ication | Control | No. |
|------|---------|---------|-----|

10/606,225

Examiner

Stefan Stoynov

Applicant(s)/Patent under Reexamination

WATANABE, HIDEAKI

Art Unit

2116

SS

| <b>√</b> | Rejected |
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| 11       | Allowed  |

(Through numeral) Cancelled Restricted

Non-Elected N Interference

**Appeal** Α 0 Objected

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|-------------|--|----------------|----------|--------------|-------------------------------------|--------------------|---|------------|--------------|-----------------|--|
|             |  | _              |          |              |                                     |                    |   |            |              |                 |  |
| Cla         | aim  | Date           |          |              |                                     |                    |   |            |              |                 |  |
|             |  |                |          |              |                                     |                    |   |            |              |                 |  |
| Final       | Original   | 7/14/06        |          |              |                                     |                    |   |            |              |                 |  |
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|             | Ō  | ~              |          |              |                                     |                    |   |            |              |                 |  |
|             | _  | -              | $\vdash$ |              | -                                   | _                  | _   | Н          | -            | -               |  |
|             | 1  | H              |          |              | -                                   |                    |   | $\vdash$   | _            | $\dashv$        |  |
|             | 2  | Y              |          |              |                                     |                    |   |            | _            |                 |  |
|             | 1<br>2<br>3<br>4<br>5                              | 4044           |          |              |                                     |                    |   |            |              | $\Box$          |  |
|             | 4  |                |          |              |                                     |                    |   |            |              | $\Box$          |  |
|             | 5  | 0              |          |              |                                     |                    |   |            |              |                 |  |
| ·           | 6  | 0              |          |              | !                                   |                    |   |            |              |                 |  |
|             | 7  | 0              |          |              |                                     |                    |   |            |              |                 |  |
|             | 8  | 0              |          |              |                                     |                    |   |            |              |                 |  |
|             | 9  | 0              |          |              |                                     |                    |   |            |              |                 |  |
|             | 8<br>9<br>10                                       | 000            |          |              |                                     |                    |   |            |              |                 |  |
|             | 11   | 0              | т        |              | П                                   |                    |   | $\Box$     | $\neg$       |                 |  |
| <b></b>     | 12   | 6              | $\vdash$ | $\vdash$     | $\vdash$                            |                    | Н   | -          | $\vdash$     | $\dashv$        |  |
| <del></del> | 13   | J              | $\vdash$ |              |                                     |                    |   | $\vdash$   | Н            | $\vdash$        |  |
| $\vdash$    | 14   | 1              | H        |              |                                     |                    | $\vdash$  | $\vdash$   | $\vdash$     | Н               |  |
| <u></u>     | 14   | <del>  `</del> | $\vdash$ | $\vdash$     |                                     | -                  | $\vdash$  | $\vdash$   | $\vdash$     | $\dashv$        |  |
|             | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19 | 404400         | $\vdash$ | <u> </u>     | -                                   | $\vdash$           | -   | $\vdash$   | $\vdash$     | $\vdash$        |  |
|             | 16   | 1              | $\vdash$ | <u> </u>     | $\vdash$                            | $\vdash$           | $\vdash$  |            | H            | $\vdash \vdash$ |  |
| <u></u>     | 17   | 0              | <u> </u> | <u> </u>     | _                                   | $\vdash$           | <u> </u>  | <u> </u>   | H            | Щ               |  |
| <u> </u>    | 18   | 0              | _        | _            | L                                   |                    | _   |            | _            |                 |  |
| <u></u>     | 19   | 7              |          |              | Ш                                   |                    | $ldsymbol{le}}}}}}$ |            | L            | Ш               |  |
|             | 20   | 1              |          |              |                                     |                    | <u> </u>  |            | L            |                 |  |
| L           | 21   |                | _        |              |                                     |                    |   |            | L            |                 |  |
|             | 22   |                |          |              |                                     |                    |   |            |              | Ш               |  |
|             | 22<br>23<br>24                                     | <u> </u>       |          |              |                                     |                    | L   |            |              |                 |  |
|             | 24   |                |          |              |                                     |                    |   |            |              |                 |  |
|             | 25<br>26<br>27                                     |                |          |              |                                     |                    |   |            |              |                 |  |
|             | 26   |                |          |              |                                     |                    |   |            |              |                 |  |
|             | 27   |                | Г        |              |                                     |                    |   |            |              |                 |  |
|             | 28<br>29   | П              |          |              |                                     |                    |   |            |              |                 |  |
|             | 29   |                |          |              |                                     |                    | ļ —   | Г          |              |                 |  |
|             | 30   |                |          |              |                                     |                    |   |            |              |                 |  |
|             | 31   |                |          | -            | _                                   | $\vdash$           | _   |            |              |                 |  |
|             | 32   |                | $\vdash$ | _            | <u> </u>                            | $\vdash$           | _   | -          |              |                 |  |
| <u> </u>    | 33   | $\vdash$       | $\vdash$ | $\vdash$     |                                     |                    | $\vdash$  |            |              | $\dashv$        |  |
| $\vdash$    | 34   | $\vdash$       | $\vdash$ | -            | -                                   | <del> </del>       | <del>                                     </del>  | $\vdash$   | $\vdash$     | H               |  |
| <u> </u>    | 35   | $\vdash$       | $\vdash$ | -            |                                     | $\vdash$           | -   | $\vdash$   | $\vdash$     | $\vdash\vdash$  |  |
| $\vdash$    | 36   | $\vdash$       | $\vdash$ | <del> </del> | $\vdash$                            | $\vdash$           | <del> </del>  | _          | $\vdash$     | $\dashv$        |  |
| -           | 36<br>37   | $\vdash$       | $\vdash$ | ├-           |                                     | $\vdash$           | $\vdash$  |            | <del> </del> | Н               |  |
|             | 31   | -              | $\vdash$ | ├            | <del> </del>                        | <del> </del>       | $\vdash$  | $\vdash$   | -            | Н               |  |
|             | 38   | <b>⊢</b> –     | ⊢        | <u> </u>     | ├                                   | <b> </b>           | -   | -          | -            | Н               |  |
| <u> </u>    | 39   | <b>├</b> —     | ├        | -            |                                     | ├                  | -   | -          | -            | Н               |  |
| <u> </u>    | 40   | $\vdash$       | $\vdash$ | _            | -                                   | <del> </del>       | -   | ├—         | _            | Н               |  |
|             | 41   | L              | <u> </u> | <u> </u>     | <u> </u>                            | <b> </b>           | ┞   | <u> </u>   | <b>-</b>     | $\vdash$        |  |
|             | 42   | <b> </b>       | <u> </u> |              |                                     | <u> </u>           | $\vdash$  | <b> </b> _ | <u> </u>     | Ш               |  |
|             | 43   | $oxed{oxed}$   | 匚        | <u> </u>     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _                  |   | <u> </u>   | <u> </u>     | Ш               |  |
|             | 44   | 匚              |          |              | <u> </u>                            |                    |   | L.         | <u> </u>     | Ш               |  |
|             | 45   | L              | L        | L            | _                                   | $oxedsymbol{oxed}$ | L   | <u> </u>   | <u> </u>     | Ш               |  |
|             | 46   |                |          | Ĺ            |                                     |                    | Ĺ   | L          |              |                 |  |
|             | 47   |                |          |              |                                     |                    |   |            |              |                 |  |
|             | 48   |                |          |              |                                     | Γ                  |   | L          |              |                 |  |
|             | 49   | Π              | Г        |              |                                     | П                  |   | Г          |              | П               |  |
|             | 50   |                |          | Г            | Т                                   |                    |   | Γ          |              | П               |  |

| Cla      | im       |  |          |          | ſ            | Date               | <u> </u> |          |          |   |     | Cla          | im       |          |          |        |               | ate      |          |  |          | $\neg$   |
|----------|----------|--|----------|----------|--------------|--------------------|----------|----------|----------|---|-----|--------------|----------|----------|----------|--------|---------------|----------|----------|--|----------|----------|
| <u>3</u> |          |  |          |          |              |                    |          |          |          |   |     |              |          |          |          | $\neg$ | ٦             |          |          |  |          | $\dashv$ |
| ,        | Original | 7/14/06  |          |          |              |                    |          |          | 1        |   |     | <del>-</del> | Original |          |          |        |               |          |          |  |          |          |
|          | ij       | 14/  |          |          |              |                    |          |          |          |   |     | Final        | ij       | .        |          |        |               |          |          |  |          |          |
| ٠        | ŏ        | 12   |          |          |              |                    |          |          |          |   |     | ш.           | õ        |          |          |        |               |          |          |  |          |          |
| 4        |          | 1  |          |          |              | Н                  |          | -        | $\dashv$ | H   |     |              |          |          |          |        | $\dashv$      | $\dashv$ | $\dashv$ | $\dashv$   | -        | $\dashv$ |
| -        | 1        |  | _        | -        |              | Н                  |          | Н        | _        |   |     |              | 51       | -        | $\dashv$ |        | _             | _        | $\dashv$ | $\dashv$   | $\dashv$ |          |
| _        | 2        | 1  |          | Щ        |              |                    |          |          | $\perp$  | _   |     |              | 52       |          | _        | _      | _             |          |          |  | 4        | 4        |
| $\perp$  | 3        | 0  |          |          |              |                    |          |          |          |   |     |              | 53       |          | _        | _      |               |          | _        | _  | _        | _        |
|          | 4        | 1  |          |          |              |                    |          |          |          |   |     |              | 54_      |          | _        |        |               |          | $\Box$   | _  | _        | _        |
|          | 5        | 0  |          |          |              |                    |          |          |          |   |     |              | 55       |          |          |        |               |          |          |  | _        | _        |
|          | 6        | 0  |          |          |              |                    |          |          |          |   |     |              | 56       |          |          |        |               |          |          |  |          | _        |
|          | 7        | 0  |          |          |              |                    |          |          |          |   |     |              | 57       |          |          |        |               |          |          |  |          | ]        |
|          | 8        | 0  |          |          |              |                    |          |          |          |   |     |              | 58       |          |          |        |               |          |          |  |          |          |
|          | 9        | 0  |          |          |              |                    |          |          |          |   |     |              | 59       |          |          |        |               |          |          |  | $\Box$   | $\Box$   |
|          | 10       | 0  |          |          |              |                    |          |          |          |   |     |              | 60       |          |          |        |               |          |          |  | П        | $\neg$   |
|          | 11       | 0  | _        |          |              |                    |          |          |          |   | 1   |              | 61       |          |          |        |               |          |          |  |          |          |
| $\neg$   | 12       | 0  |          | П        |              |                    |          |          |          |   |     |              | 62       |          |          |        |               |          |          |  |          | ヿ        |
| 一        | 13       | 1  |          |          |              |                    |          | Г        |          |   |     |              | 63       |          |          |        |               |          |          |  | $\neg$   | ᅦ        |
| ┪        | 14       | 7  | _        |          | _            |                    |          | Н        |          |   |     |              | 64       | $\vdash$ |          |        | $\overline{}$ | -        |          |  |          | ᅥ        |
| ┥        | 15       | 0  | _        | $\vdash$ |              | $\vdash$           | _        | $\vdash$ | $\vdash$ | $\vdash$  | 1   |              | 65       | $\vdash$ |          |        |               |          | 1        | $\vdash$   | $\dashv$ |          |
|          | 16       | 7  | _        | $\vdash$ | -            | $\vdash$           | -        | $\vdash$ |          | $\vdash$  |     |              | 66       |          | $\vdash$ |        |               |          |          | Н  | $\dashv$ | $\dashv$ |
| -        | 17       | 0  |          | _        | _            | H                  | $\vdash$ | -        | H        | $\vdash$  |     |              | 67       |          |          | -      |               |          | Н        |  | $\dashv$ | $\dashv$ |
| -        |          |  | _        | _        | _            | $\vdash$           | -        | ├-       | -        | -   |     |              |          | -        | _        | -      |               |          | -        |  | $\dashv$ | $\dashv$ |
| -        | 18       | 0  | _        | _        | <u> </u>     | <u> </u>           | _        | <u> </u> | _        | <u> </u>  |     |              | 68       | $\vdash$ |          |        |               |          | _        | =  | -        | _        |
|          | 19       | 7  |          | $\vdash$ | <u> </u>     | _                  | _        | L        | _        | _   |     |              | 69       | Н        |          |        |               |          |          |  | -        | _        |
| _        | 20       | 7  |          |          |              |                    | <u> </u> | -        | <u> </u> |   |     |              | 70       |          |          |        |               |          |          |  | -        | _        |
| _        | 21       |  |          | L        | <u> </u>     |                    | L        |          |          | L.  |     |              | 71       | Щ        |          |        |               |          |          |  | _        | _        |
| _        | 22       |  |          |          | L_           |                    |          |          |          | $ldsymbol{ld}}}}}}$ |     |              | 72       |          |          |        |               |          |          |  |          |          |
|          | 23       | _  |          |          |              |                    | L        |          |          | L   |     |              | 73       |          |          |        |               |          |          |  |          |          |
|          | 24       |  |          |          |              |                    |          |          |          |   |     |              | 74       |          |          |        |               |          |          |  |          |          |
|          | 25       |  |          |          | Ŀ            |                    |          |          |          |   |     |              | 75       |          |          |        |               |          |          |  |          |          |
|          | 26       |  |          |          |              |                    |          |          | "        |   |     |              | 76       |          |          |        |               |          |          |  |          |          |
|          | 27       |  |          |          |              |                    |          |          |          |   |     |              | 77       |          |          |        |               |          |          |  |          |          |
| ヿ        | 28       |  |          |          |              |                    | Г        |          |          |   | 1   |              | 78       |          |          |        |               | П        |          |  |          |          |
| _        | 29       |  |          |          |              |                    |          | Г        |          |   |     |              | 79       |          |          |        |               |          |          |  |          |          |
| 寸        | 30       |  |          |          | $\vdash$     | $\vdash$           | ┢        | $\vdash$ |          |   |     |              | 80       |          |          |        |               |          |          |  |          |          |
| ┪        | 31       |  | -        |          | -            | $\vdash$           | -        | $\vdash$ |          |   |     |              | 81       |          |          |        |               | _        | $\vdash$ | _  |          | $\neg$   |
|          | 32       | -  |          |          | <del> </del> | $\vdash$           | ┢┈       | $\vdash$ |          | _   |     |              | 82       |          |          | -      |               |          |          | _  |          | $\neg$   |
| -        | 33       | _  | _        | $\vdash$ | ⊢            | -                  | $\vdash$ | -        | $\vdash$ | -   |     |              | 83       | $\vdash$ | _        |        | -             | ┢        | $\vdash$ |  | -        | $\dashv$ |
|          | 34       | $\vdash$   |          | -        | ┝            | ┢                  | -        | H        | ┢        |   |     |              | 84       | -        | _        | _      |               | $\vdash$ | $\vdash$ | _  |          | $\dashv$ |
| $\dashv$ | 35       | -  | _        | -        |              | $\vdash$           | -        | _        | ⊢        | _   |     |              | 85       | -        |          |        | -             | -        |          |  | Н        |          |
| $\dashv$ | 36       | $\vdash$   | $\vdash$ | -        | ⊢            | ⊢                  | -        |          | ⊢        | -   |     |              | 86       | $\dashv$ | -        | _      |               | $\vdash$ |          |  | $\vdash$ | $\dashv$ |
| $\dashv$ | 30       | Н  |          | -        | -            | <del> </del>       | ⊢        |          | -        | $\vdash$  |     |              | 00       | -        | _        | _      | -             | $\vdash$ | -        | -  |          | $\dashv$ |
| -        | 37       | <u> </u>   | <u> </u> | -        | <u> </u>     | <u> </u>           | ⊢        | _        | ┝        | ⊢   |     |              | 87       |          |          |        | -             | H        | H        | _  |          |          |
| _        | 38       | <u> </u>   | <u> </u> |          | ļ            | <u> </u>           | <u> </u> | _        |          | _   |     |              | 88       | _        |          | _      | <u> </u>      | _        | _        |  |          | $\dashv$ |
| _        | 39       | <b> </b>   | <u> </u> |          | _            | <u> </u>           | _        | _        | <u> </u> | <u> </u>  |     |              | 89       | _        |          |        |               | <u> </u> | ļ        |  | Ш        | _        |
| _        | 40       | L  | L        |          | _            | _                  | _        | <u> </u> |          | _   | ļ   |              | 90       | Щ        |          |        |               | _        | _        | _  |          | _        |
| _        | 41       | <u> </u>   | <u> </u> |          |              |                    |          | _        | _        |   |     |              | 91       |          |          |        | _             | _        | _        |  |          | Щ        |
|          | 42       | _  |          |          | <u></u>      | L                  |          |          |          |   |     |              | 92       |          |          |        | L.            | L        | Ш        |  |          |          |
|          | 43       |  | L        |          |              | $oxedsymbol{oxed}$ | L        | <u></u>  | 匚        |   | Į l |              | 93       |          | _        |        | _             | <u></u>  | _        |  |          |          |
|          | 44       | L  |          |          | _            |                    | L        | L        | L        |   |     |              | 94       |          |          |        | L.            |          |          | <u> </u>   |          |          |
|          | 45       |  |          |          |              |                    | L        | L        |          |   |     |              | 95       |          |          |        | L             | L        |          |  |          |          |
| П        | 46       |  |          |          |              |                    |          |          | Γ        | Γ   |     |              | 96       |          |          |        |               |          |          |  | $\Box$   |          |
| П        | 47       | Г  |          |          |              | Г                  | Г        |          | Γ        |   | 1   |              | 97       | Г        |          |        |               | Г        |          | Г  | П        |          |
| _        | 48       |  |          |          |              |                    |          |          |          |   | 1   |              | 98       |          |          |        |               | Γ        | Γ        |  | П        | П        |
|          | 49       |  | T        | $\Box$   | Т            | Т                  | 1        | <u> </u> |          | <u> </u>  | 1   |              | 99       | Г        |          |        |               | Г        | Г        | Г  | П        | П        |
| -        | 50       | <del>                                     </del> | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$           | Т        | <u> </u> |          | t   | 1   | -            | 100      |          |          |        |               |          |          | <del>                                     </del> | М        | Н        |
| _        |          |  |          | Ц        | L            |                    |          | Ь        | L        |   | J   |              |          | L        |          | Ц.     |               |          | ш        |  |          |          |

| Cla      | aim   |                |              |          |  | Date   | Э            |  |          |                 |
|----------|---|----------------|--------------|----------|--|--|--------------|--|----------|-----------------|
| Final    | Original  |                |              |          |  |  |              |  |          |                 |
|          | 101<br>102<br>103   |                |              |          |  |  |              |  |          |                 |
|          | 102   | -              | $\vdash$     |          |  | H  | -            | _  | $\vdash$ | $\vdash$        |
|          | 103   |                | $\vdash$     | Н        |  |  | ┝            |  | $\vdash$ | Н               |
|          | 105   |                |              |          |  | -  | $\vdash$     | -  | -        | H               |
|          | 106   |                |              | _        |  | -  | ╁─           |  | $\vdash$ | Н               |
|          | 106<br>107  | $\vdash$       | _            | $\vdash$ |  |  | $\vdash$     |  |          | П               |
|          | 108<br>109<br>110   |                |              |          |  |  |              |  |          |                 |
|          | 109   |                |              |          |  |  |              |  |          |                 |
|          | 110   | į              |              |          |  |  |              |  |          |                 |
|          | 111   |                |              |          |  |  | _            | _  |          |                 |
|          | 112   | Ш              | oxdot        | <u> </u> | <u> </u>   |  | <u> </u>     | <u> </u>   | <u> </u> | Щ               |
|          | 113   | _              | <u> </u>     | <u> </u> | _  | $\vdash$   | $\vdash$     | <u> </u>   | <u> </u> | Н               |
|          | 113<br>114<br>115   |                |              | -        | <u> </u>   |  | ┝            | <u> </u>   | -        | Н               |
|          | 115   |                | ⊢            | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$     | ⊢  | ├-       | $\vdash \dashv$ |
|          | 116<br>117<br>118   | $\vdash$       | ┝            | $\vdash$ | $\vdash$   | -  | -            | -  | ├-       | Н               |
|          | 118   | ┢              | $\vdash$     | $\vdash$ | <u> </u>   | $\vdash$   | -            | <del> </del>                                     | $\vdash$ | Н               |
|          | 119   |                |              |          | _  | _  | ┪            |  |          | П               |
|          | 120   |                |              |          |  |  |              |  |          | П               |
|          | 121   |                |              |          |  |  |              |  |          |                 |
|          | 122   |                | <u></u>      | L        | L  | L  | L            | _  | <u> </u> | Ц               |
|          | 123   | _              | _            | <u> </u> | ╙  | <u> </u>   | <u> </u>     | <u> </u>   | _        | Ц               |
|          | 119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129 | <u> </u>       | <u> </u>     | L        | ┞—   | <u> </u>   | <u> </u>     | <u> </u>   | _        | Н               |
|          | 125   | -              | <del> </del> | -        | ⊢  | -  | -            | ⊢  | ⊢        | Н               |
|          | 127   | ⊢              | -            | -        | -  | -  | -            | -  | ┢        | Н               |
| _        | 128   | <del>  -</del> | $\vdash$     | H        | $\vdash$   | $\vdash$   | ┢            | -  | $\vdash$ | Н               |
|          | 129   | Г              | ┪            | ┢        | <del>                                     </del> | <del>                                     </del> | Г            | <del>                                     </del> | _        |                 |
|          | 130   |                | _            | Τ        | $\vdash$   |  |              |  |          | П               |
|          | 130<br>131  |                |              |          |  |  |              |  |          |                 |
|          | 1 132   |                |              | L        |  |  |              |  |          |                 |
|          | 133   | _              | L            | L        | <u> </u>   | L  | _            |  | _        | Ц               |
|          | 133<br>134<br>135<br>136  | -              | <u> </u>     | <u> </u> | -  | -  | <del> </del> | <u> </u>   | $\vdash$ | Н               |
|          | 135   | $\vdash$       | ⊢            | $\vdash$ | -  | ┝  | $\vdash$     | ┝  | ⊢        | Н               |
| _        | 137   | $\vdash$       | -            | -        | $\vdash$   | -  | $\vdash$     | -  | ⊢        | H               |
|          | 138   | _              | 1            | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$     | -  | ┢        | H               |
|          | 138<br>139  | _              | Т            | $\vdash$ |  | Т  | T            | -  | Т        | П               |
|          | 140   |                |              |          |  |  |              |  |          |                 |
|          | 141   | L              |              |          |  |  |              |  |          |                 |
|          | 142   |                | 匚            | 匚        |  |  | 匚            |  | Ë        |                 |
|          | 143   | <u> </u>       | _            | <u> </u> | _  | _  | _            | _  |          | Ш               |
| <u> </u> | 144   | _              | <u> </u>     | 1        | $\vdash$   | <u> </u>   | <u> </u>     | $\vdash$   | <b>├</b> | $\sqcup$        |
| <u> </u> | 145   | ├-             | ⊢            | $\vdash$ | $\vdash$   | -  | ├-           | -  | ⊢        | Н               |
| <u> </u> | 146<br>147  | $\vdash$       | -            | ├        |  | -  | $\vdash$     | $\vdash$   | -        | $\vdash\vdash$  |
|          | 148   | ├              | ├─           | ╁        | ╁  | -  | $\vdash$     | <del> </del>                                     | $\vdash$ | Н               |
|          | 149   | $\vdash$       | T            | ╁╌       | -  | $\vdash$   | 1            |  | $t^-$    | Н               |
|          | 150   | $\vdash$       | T            | $\vdash$ | $\vdash$   | T  | $\vdash$     | $\vdash$   | t        | Н               |
| ш        | ,   | —              | Ь            | _        |  |  |              | _  |          |                 |